

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Tirrell and Kiick Art Unit: Unassigned  
Parent Serial No.: 09/767,515 Examiner: Unassigned  
Parent Filing Date: January 23, 2001  
Serial No.: Unassigned  
Filed: July 1, 2003  
Title: OVEREXPRESSION OF AMINOACYL-tRNA SYNTHETASES FOR  
EFFICIENT PRODUCT OF ENGINEERED PROTEINS CONTAINING  
AMINO ACID ANALOGUES

**Mail Stop PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 § CFR 1.97, Applicants bring to the Examiner's attention the related parent patent application, U.S. Serial No. 09/767,515, filed January 23, 2001, which is relied upon for an earlier filing date under 35 USC § 120. For the convenience of the Examiner, copies of the PTO Forms 892 and 1449 are enclosed.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

<p style="text-align: center;"><b>CERTIFICATION UNDER 37 CFR §1.10</b> "EXPRESS MAIL" Mailing Label Number: <u>EV 318 738 007 US</u> Date of Deposit: <u>July 1, 2003</u></p>	
<p>I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p>	
<p style="text-align: center;"><u>JASON BERRY</u> (Name of Person Mailing Paper)</p>	
<u>(Signature)</u>	<u>Jason Berry</u> July 1, 2003 (Date)

In re Application of:  
Tirrell and Kiick  
Application No.: Unassigned  
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PATENT  
Attorney Docket No.: CIT1460-2

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement, because it is being filed prior to the receipt of a first office action on the merits of the above-captioned application. However, if any fee is required, authorization is hereby given to charge any fees associated with the filings submitted herewith, or credit any overpayment to Deposit Account No. 50-1355. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Date: July 1, 2003



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FORM 1449*		Docket Number 30431.6US01	Application Number 09/767,515
<p style="text-align: center;"><b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> <i>Applicant's Copy</i> (Use several sheets if necessary)</p>		Applicant David Tirrell and Kristi Kiick	RECEIVED JUL 19 2001 TECH CENTER 1600/2900 1653/636
		Filing Date January 23, 2001	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
90		Bain, J.D. et al. <i>Nature</i> 1992, 356, 537-539. (Exhibit 1)				
90		Berent et al., <i>Biotech</i> (1985) 3:208-220. (Exhibit 2)				
90		Boles, J.O. et al <i>Nature Struct. Biol.</i> 1994, 1, 283-284. (Exhibit 3)				
91		Cohen et al., 1972 <i>Proc Acad Sci USA</i> 69:2110-2114. (Exhibit 4)				
87		Cornish, V.W.; Mendel, D.; Schultz, P.G. <i>Angew. Chem. Int. Ed. Engl.</i> 1995, 34, 621-634. (Exhibit 5)				
87		Dardel, F.; Panvert, M.; Fayat, G. <i>Mol. Gen. Genet.</i> 1990, 223, 121-133. (Exhibit 6)				
87		Duewel, H.; Daub, E.; Robinson, R.; Honek, J.F. <i>Biochemistry</i> 1997, 36, 3404-3416. (Exhibit 7)				
87		Graham et al., 1973 <i>Virol</i> 52:456-467. (Exhibit 8)				
87		Hendrickson, W.A.; Horton, J.R.; Lemaster, D.M. <i>EMBO J.</i> 1990, 9, 1665-1672. (Exhibit 9)				
87		Hirel, P.H.; Schmitter, J.M.; Dessen, P.; Fayat, G.; Blanquet, S. <i>Proc. Natl Acad. Sci. USA</i> 1989, 86, 8247-8251. (Exhibit 10)				
91		Horlacher, J. et al. <i>Proc. Natl. Acad. Sci. USA</i> 1995, 92, 6329-6333. (Exhibit 11)				
91		Ibba, M.; Soll, D. <i>Science</i> 1999, 286, 1893-1897. (Exhibit 12)				
87		Kim, H.Y.; Ghosh, G.; Schulman, L.H.; Brunie, S.; Jakubowski, H. <i>Proc. Natl. Acad. Sci. USA</i> 1993, 90, 11553-11557. (Exhibit 13)				
87		Kool, E.T. <i>Biopolymers</i> 1998, 48, 3-17. (Exhibit 14)				
87		Krejchi, M.T.; Atkins, E.D.T.; Waddon, A.J.; Fournier, M.J.; Mason, T.L.; Tirrell, D.A. <i>Science</i> 1994, 265, 1427-1432. (Exhibit 15)				
87		Liu, D.R.; Maghery, T.J.; Pastrnak, M.; Schultz, P.G. <i>Proc. Natl. Acad. Sci. USA</i> , 1997, 94, 10092-10097. (Exhibit 16)				
87		Liu, D.R.; Schultz, P.G. <i>Proc. Natl. Acad. Sci.</i> 1999, 96, 4780-4785. (Exhibit 17)				
87		Luo, D., J. Leautey, M. Grunberg-Manago, H. Putzer, <i>J. Bacteriol.</i> 1997, 179, 2472-2478. (Exhibit 18)				
87		Lutz, M.J.; Held, H.A.; Hottiger, M.; Hubscher, U.; Benner, S.A. <i>Nuc. Acids Res.</i> 1996, 24, 1308-1313. (Exhibit 19)				

EXAMINER	<i>David Gago</i>	DATE CONSIDERED	7/13/02
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

EXAMINER <i>David Hugo</i>	DATE CONSIDERED <i>7/13/02</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>Notice of References Cited</b>	Application/Control No.	Applicant(s)/Patent Under Reexamination
	09/767,515	TIRRELL ET AL.
	Examiner	Art Unit
	David Guzo	1636

**U.S. PATENT DOCUMENTS**

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-5,879,905	03-1999	RajBhandary	435/69.1
B	US-6,221,640 B1	04-2001	Tao et al.	435/183
C	US-			
D	US-			
E	US-			
F	US-			
G	US-			
H	US-			
I	US-			
J	US-			
K	US-			
L	US-			
M	US-			

**FOREIGN PATENT DOCUMENTS**

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
N					
O					
P					
Q					
R					
S					
T					

**NON-PATENT DOCUMENTS**

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
U	
V	
W	
X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.